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THE MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1958

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EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in **repair** work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

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THE MANUFACTURING INDUSTRIES OF CANADA

Section A

SUMMARY FOR CANADA

1958

The minor recession that commenced in the fall of 1957 continued for over a year to November 1958. In comparing the two years it is found that the selling value of factory shipments in 1958 at \$22,163,186,308 were only fractionally lower than the shipments in 1957, a year of record attainments. The decline in the physical output, however, at 2.7 p.c. was more substantial and compares with the drop of only 0.1 p.c. in value of shipments. This is accounted for by an increase in the wholesale prices of partly and fully manufactured goods. The decline in production was accompanied by a drop of 5.1 p.c. in the number of persons employed. This when compared with a drop of only 2.7 p.c. in the physical volume of production follows the trend in recent years for the same volume of output to be produced with fewer employees. Since 1949 the physical volume of manufactured products increased by 39.1 p.c. while the number of persons employed increased only by 10.2 p.c. Salaries and wages paid in 1958 at \$4,802,496,260 were only 0.4 p.c. lower than the previous year. This is due to the continuing increase in weekly and hourly earnings in manufacturing, a trend common to all other sectors of the economy. The value added by manufacture which amounted to \$9,792,505,931 in 1958 was only moderately lower than the record high reported the previous year, the drop being only 0.3 p.c.

The continuing high spending on capital goods, such as construction and machinery and equipment of all kinds which amounted to \$8,364,000,000 in 1958 had a moderating influence on the severity of the decline in manufacturing production. Construction was up \$46,000,000 while expenditures for machinery and equipment were down \$399,000,000. This stimulated the industries producing building materials which operated at a higher level in 1958, but had a depressing effect on the industries producing electrical and other machinery. Another factor which helped to alleviate the severity of the decline was the impact on the consumer goods industries of the increase of about 459,000 in population as well as by the continued rise in labour income.

Export demand for Canadian manufactured products held firm during 1958. Partly manufactured products exported at \$1,315,500,000 were 9.9 p.c. lower than in 1957, while exports of fully manufactured products at \$1,776,500,000 were 1.5 p.c. higher. The high level of exports was another factor in moderating the decline in production. There was substantial improvement in the export of planks and boards, shingles and veneer and plywood in 1958 as compared with 1957. Wheat flour, whisky, farm machinery, aircraft, lead and lead products and uranium ores and concentrates were also higher. There were, however, declines in the export of wood pulp, newsprint, aluminum and products, nickel,

copper and its products, zinc, automobiles and parts, abrasives, non-farm machinery and synthetic plastics and manufactures.

As already mentioned the physical volume of production in 1958 declined 2.7 p.c., following a decline of 1.5 p.c. in 1957. There was thus a drop of 4.1 p.c. from the record level of production of 1956. In spite of the downturn in manufacturing activity in 1958, the production of non-durable or consumer goods was maintained at the same high level as in the previous year, the decline being only 0.1 p.c. The main effects of the decline were felt by the producers of durable goods which registered a drop of 5.5 p.c. The total index for manufacturing in 1958 stood at 139.1. For non-durable goods it was 139.5 and for durable goods 138.6. Since the end of the war the durable goods sector experienced an almost uninterrupted expansion in value of production, the only exceptions being 1954, 1957 and 1958 when the output was lower than the previous year. Non-durable goods fared better, having experienced only one year of substantial lower output, viz. 1954. In spite of the steadier expansion, the non-durable goods sector recorded an increase in volume of only 54 per cent between 1946 and 1956 while durable goods increased by 92 per cent during the same period. This favourable achievement by durable goods was somewhat lessened by the declines in volume production during 1957 and 1958.

In the non-durable goods sector the trend in physical output in 1958 was mixed, with the majority of the industrial groups reporting declines. The greatest drop in volume of production amounting to 7.2 p.c. as compared with 1957 was reported by the rubber and rubber products group. This was followed by textiles with a drop of 6.9 p.c., products of petroleum and coal 3.0 p.c., printing, publishing and allied industries 2.7 p.c., clothing, including knitting mills 2.1 p.c., leather products 1.0 p.c., and paper products 0.5 p.c. The leather products group which has experienced a long-term downward trend, amounting to 6.8 p.c., between 1946 and 1956 reported no change in 1957 and a drop of 1.0 p.c. in 1958. Five groups reported gains in volume output. Tobacco and tobacco products with 7.6 p.c. recorded the greatest increase in production. This was followed by foods and miscellaneous industries each with a gain of 4.4 p.c., chemicals and allied products 1.7 p.c. and beverages 1.0 p.c. The gains reported by these five groups practically outweighed the losses so that the net result for the non-durable group as a whole was a loss of only 0.1 p.c. in volume.

In the durable goods sector, all groups, with the exception of wood and non-metallic mineral products, reported lower levels of production. The greatest decline of 13.5 p.c. was reported by the

transportation equipment group, followed by iron and steel products with 9.5 p.c., electrical apparatus and supplies 4.6 p.c. and non-ferrous metal products 1.4 p.c. The non-metallic mineral products group which produces mainly building materials managed to come up with a sizeable increase of 7.6 p.c. while the wood products group which also produces building materials came up with a 3.0 p.c. increase. The increased volume of these two groups is a reflection of the high level at which the construction industry operated, in spite of the general slackening in economic activity. The hydraulic cement industry which is a component of the non-metallic mineral products group had a 2 p.c. increase in volume of production, the output of cement rising from 6,049,098 tons in 1957 to 6,153,421 tons in 1958. The wood products group was also stimulated by the strengthened demand in other countries for its products which during the preceding few years were at a lower volume. Exports of planks and boards in 1958 rose to 3,922,953 M feet from 3,653,497 M feet in 1957, red cedar shingles to 1,814,711 from 1,718,203 roofing squares, while veneer and plywood rose to 561,767 from 490,750 M square feet.

Of the groups reporting lowered output, the transportation equipment was the hardest hit, with all industries of the group reporting major declines in production. Railway rollingstock dropped 22 p.c., shipbuilding 17 p.c., motor vehicles 14 p.c., with a drop in motor vehicle production to 359,777 units in 1958 from 413,577 units in 1957, motor vehicle parts 10 p.c. and aircraft 5 p.c. The iron and steel group with a loss of 9.5 p.c. in volume of production was another group in the durable goods sector to register a substantial loss. The primary iron and steel industry which is an important component of this group registered a loss of 18 p.c. The production of pig iron at 3,059,579 was 658,771 tons lower while steel ingots and castings at 4,359,486 were 708,663 tons lower. The output of machinery was also severely curtailed, the machinery industry in the iron and steel group reported a drop of 22 p.c. in volume, while the heavy electrical machinery industry of the electrical apparatus and supplies group suffered a more moderate decline of 11 p.c.

Ontario which is recognized as one of the world's major industrial areas, accounts for approximately half of Canada's manufacturing production. Despite the great industrial progress made by other provinces, Ontario continues to maintain its predominance, and in 1958 accounted for 49.0 p.c. of the total value of factory shipments. Quebec with 30.5 p.c. of the total shipments ranks as the second largest industrial province, while British Columbia with 8.1 p.c. of the total ranks third. In 1958 Ontario had a slightly smaller share of the total while Quebec and British Columbia reported minor increases.

The impact of the minor downturn in production reported by the manufacturing industries of Canada in 1958 was not the same for all provinces. The outstanding feature was an increase of 2.3 p.c. in the number of employees reported by Saskatchewan when all other provinces reported declines.

This no doubt is due to the fact that Saskatchewan being mainly a producer of consumer goods, was able to expand its manufacturing operations to meet the requirements of an expanded population. British Columbia with a drop of 5.1 p.c. in employment experienced a second set-back in manufacturing employment which was expanding uninterruptedly for a number of years prior to 1957. The biggest decline in employment, however, was reported by Newfoundland with a drop of 8.3 p.c. This was followed by Nova Scotia with a loss of 8.0 p.c., Ontario 5.8 p.c., British Columbia 5.1 p.c., Quebec 4.5 p.c., Manitoba 3.4 p.c., Alberta 3.1 p.c., Prince Edward Island 1.9 p.c. and New Brunswick 1.1 p.c. For Canada as a whole the decline in employment was 5.0 p.c.

The industrial expansion of Canada since Confederation has been phenomenal. In the past generation alone, Canada has changed from a country producing and exporting mainly primary products to a country that is increasingly producing and exporting manufactured products, until to-day manufactures account for about 26 p.c. of the value of all goods and services produced, and also rank as the leading employer of labour in Canada.

Canada is no longer on the fringes of industrialization but ranks among the world's most important manufacturing countries. Basic historical developments, such as the opening of the West and the magnitude of requirements of all kinds for World Wars I and II, have been followed by recent discoveries of far-reaching significance. Such events as the discovery of a major oil pool on the prairies in 1947, the discovery of large-scale deposits of iron and the successful search for uranium have given new dimensions to Canadian thinking and business planning. These are the factors that explain the records of capital expenditures year by year since the end of the War. Yet it is not the mere rate of expansion that is significant. There have been other periods when Canada's population has grown more rapidly and in many respects the rate of industrial expansion in the late 1920's was relatively as great as in the post-war years. The real significance of the latter period is that never before has there been an advance on such a broad industrial front.

The second point to be observed is the changing emphasis of Canadian manufacturing activity. By 1949 the period of post-war conversion was passed and Canada had entered a new phase of economic expansion which derived its dynamic from the discovery of new resources and the application of new processes. This meant that even the sharp recession in the United States in the year 1949 failed to have significant effects in Canada. The influence of Korea and the consequent rearmament program gave an added impetus to the expansion of Canadian industry and to the development of Canadian basic resources. Capital expenditures that contributed most to the defence of Canada were given priority. Additional capacity was created to meet requirements of the specialized defence program—aircraft, electronic equipment, ships and guns—many items of which had never before been

produced in Canada. Measures such as steel control, credit regulations and deferred depreciation had the desired effect. A shift gradually took place toward the further expansion of basic industrial capacity and away from investment in consumer goods and services.

The stability of current levels of manufacturing is indicated by the fact that such activity is the result of business assessments of resources and market potentialities. Millions of dollars are being invested in oil because the prairies can produce oil as economically as other great fields on the North American Continent. Petro-chemical plants are being erected because the raw materials are readily at hand. Kitimat is based on the coincidence of abundant and cheap hydro-power and access to ocean transportation, both of which are essential to the low-cost production of aluminum. The exploitation of the Ungava iron deposits rests on the belief that the steel industry of the North American Continent will need the high-grade ores involved in order to meet continuing peace-time demands. No country is in a more favourable position than Canada to supply uranium for the production of atomic energy.

Of strategic importance, and probably of even greater long-term significance to the Canadian economy, has been the growing world-wide shortage of raw materials; a shortage born of rising levels of employment and income, and accentuated by the course of international events, especially since 1950. These demands have shown few signs of abating and they have led to substantial increases in Canadian primary manufacturing capacity, particularly in so far as the light metals, nickel, chemical fertilizers and the cheaper grades of paper are concerned.

In recent years the demands stemming from population growth and a rising standard of living have been noticeable at all levels. In food processing, a steady up-grading in the quality of foods sold on the domestic market has been even more important than population growth. The two together have almost doubled the dollar sales of processed foods in this country since 1945. And at the intermediate level other important changes have taken place. Many of Canada's new chemical plants, for example, have been built with the domestic consumer market in mind. Frequently using petroleum or natural gas as a source of raw material, they have gone a long way towards making Canada independent of imports in such categories as vanillin, nylon and rayon intermediates, and plastics for packaging and similar uses.

The tremendous development which has taken place in Canada during the decade preceding 1957 is strikingly illustrated by the increase of 70.3 p.c. in the physical volume of manufactured products between 1946 and 1956 as compared with an increase of only 31 p.c. in the population. Part of this increase, resulted from an increased demand abroad for Canadian manufactured goods, part to the demands imposed on Canadian industry as a result of the expansion in the economy during the past decade, and part to the increase in the standard of

living of the Canadian people. The increase of 91.9 p.c. in the output of durable goods consisting mainly of building materials, transportation equipment as well as machinery and equipment of all kinds reveals the extent of the contribution made by Canadian industry to the phenomenal expansion in the productive capacity of the country. Non-durable goods during the same period increased by 53.8 p.c. Although this increase is quite large it is, nevertheless, overshadowed by the much larger increase of 91.9 p.c. in the durable goods industries of the manufacturing sector.

With only one exception, all groups in both the durable and non-durable sector recorded market advances in volume output since 1946, the exception being leather products with a decline of 6.8 p.c. In the durable goods sector the most striking advance was made by the electrical apparatus and supplies group with an increase of 182.6 p.c. This was followed by non-metallic mineral products with 166.0 p.c., transportation equipment 95.9 p.c., iron and steel products 79.8 p.c., non-ferrous metal products 62.6 p.c. and wood products 59.3 p.c.

In the non-durable goods sector the greatest advance was made by the products of petroleum and coal group with 190.8 p.c. This was the highest increase of any group of either sector. Chemicals and allied products with an increase of 100.9 p.c. came second, followed by miscellaneous industries with 83.3 p.c., printing, publishing and allied industries 78.5 p.c., rubber goods 72.1 p.c., paper products 70.1 p.c., beverages 68.4 p.c., tobacco and tobacco products 61.0 p.c., textiles 32.2 p.c., foods 27.6 p.c. and clothing 23.4 p.c. The output of leather products group declined 6.8 p.c.

Manufacturing establishments reporting in 1958 numbered 36,741. Of these 768 were located in Newfoundland, 179 in Prince Edward Island, 1,297 in Nova Scotia, 939 in New Brunswick, 11,828 in Quebec, 13,276 in Ontario, 1,634 in Manitoba, 970 in Saskatchewan, 1,762 in Alberta, 4,072 in British Columbia and 16 in the Yukon and Northwest Territories. These plants furnished employment to 1,289,602 persons who received \$4,802,496,260 in salaries and wages. They also shipped goods with a selling value at the factory of \$22,163,186,308 and spent \$11,821,567,471 for materials, while the value added by manufacture totalled \$9,792,505,931.

The value added is obtained by subtracting the cost of materials, including fuel and electricity, from the gross value of products. The difference represents the value added to the materials by labour. It is this difference which the employer of labour uses to pay for the labour itself, the overhead expenses, interest and profits.

With the change-over to a shipments basis in 1954 value of production figures are not now being reported by manufacturing establishments. They now report the value of their shipments which must be converted to a value of products basis in order to calculate value added. The formula used is "value of shipments plus closing inventory less opening inventory of finished goods and goods in process equals value of products made".

Variation in Volume of Production

Group	Volume index (1949 = 100)			Percentage variation		
	1958	1957	Percentage variation	1951 compared with 1946	1956 compared with 1951	1956 compared with 1946
All manufactures:.....	139.1	142.9	- 2.7	+35.0	+26.2	+ 70.3
Non-durable goods	139.5	139.7	- 0.1	+23.4	+24.6	+ 53.8
Durable goods	138.6	146.7	- 5.5	+50.1	+27.9	+ 91.9
Non-durable goods:						
Foods	139.0	133.2	+ 4.4	+ 3.9	+22.8	+ 27.6
Beverages	144.7	143.2	+ 1.0	+29.2	+30.3	+ 68.4
Tobacco and tobacco products	173.2	161.0	+ 7.6	+ 4.9	+53.6	+ 61.0
Rubber and rubber products	137.2	147.8	- 7.2	+39.6	+23.3	+ 72.1
Leather products	114.4	115.6	- 1.0	-27.1	+27.9	- 6.8
Textiles	109.5	117.6	- 6.9	+27.5	+ 3.7	+ 32.2
Clothing, including knitting mills	114.4	116.8	- 2.1	+ 6.2	+16.2	+ 23.4
Paper products	134.8	135.5	- 0.5	+45.1	+17.3	+ 70.1
Printing, publishing and allied industries	134.4	138.2	- 2.7	+36.7	+30.6	+ 78.5
Products of petroleum and coal	216.8	223.5	- 3.0	+72.9	+68.2	+190.8
Chemicals and allied products	186.5	183.4	+ 1.7	+37.9	+45.7	+100.9
Miscellaneous industries	160.0	153.3	+ 4.4	+48.4	+23.5	+ 83.3
Durable goods:						
Wood products	131.1	127.3	+ 3.0	+32.3	+20.5	+ 59.3
Iron and steel products	126.4	139.6	- 9.5	+44.8	+24.2	+ 79.8
Transportation equipment	130.8	151.2	-13.5	+62.9	+20.3	+ 95.9
Non-ferrous metal products	125.8	127.6	- 1.4	+39.5	+16.6	+ 62.6
Electrical apparatus and supplies	175.5	183.6	- 4.6	+78.3	+58.5	+182.6
Non-metallic mineral products	205.9	191.3	+ 7.6	+66.4	+59.8	+166.0

Percentage Variation of Manufacturing in Canada, by Provinces and Groups, 1958 Compared with 1957

Province and group	1958 compared with 1957		
	Number of employees	Salaries and wages	Selling value of factory shipments
Canada	- 5.0	- 0.2	- 0.1
Newfoundland	- 8.3	-10.8	- 0.6
Prince Edward Island	- 1.9	+ 3.4	+ 7.8
Nova Scotia	- 8.0	- 5.1	- 3.6
New Brunswick	- 1.1	+ 1.0	+ 0.1
Quebec	- 4.5	- 0.1	+ 1.1
Ontario	- 5.8	- 0.7	- 1.9
Manitoba	- 3.4	+ 1.9	+ 4.4
Saskatchewan	+ 2.3	+ 5.8	+ 8.2
Alberta	- 3.1	+ 2.2	+ 8.1
British Columbia	- 5.1	+ 0.4	+ 0.8
Yukon and Northwest Territories	-12.7	+ 3.0	+23.5
All groups	- 5.1	- 0.4	- 0.1
Foods and beverages	- 0.9	+ 5.6	+ 8.6
Tobacco and tobacco products	+ 4.2	+11.5	+22.2
Rubber products	-10.1	- 8.1	- 5.4
Leather products	- 3.0	+ 1.2	+ 3.4
Textiles	- 7.4	+ 4.1	- 1.2
Knitting mills	- 3.3	- 0.8	+ 0.8
Clothing	- 4.0	- 0.5	- 1.2
Wood products	- 4.7	+ 0.3	+ 0.6
Paper products	- 1.4	+ 1.6	+ 1.3
Printing, publishing and allied industries	- 3.1	+ 4.9	+ 4.2
Iron and steel products	- 9.6	- 6.2	- 7.1
Transportation equipment	-12.9	- 6.4	- 8.5
Non-ferrous metal products	- 6.0	- 0.7	- 9.0
Electrical apparatus and supplies	- 7.9	- 1.3	- 5.8
Non-metallic mineral products	+ 1.8	+ 7.7	+ 5.7
Products of petroleum and coal	- 1.9	+ 0.9	- 1.7
Chemicals and allied products	- 0.3	+ 5.3	+ 7.5
Miscellaneous industries	+ 3.0	+ 9.2	+10.9

TABLE 1. Summary Statistics of the Manufacturing Industries, Canada, 1917-58

Year	Estab- lish- ments	Capital	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Gross value of products ²
	No.	\$	No.		dollars		
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925.....	20,981	3,065,730,916	522,924 ³	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926.....	21,301	3,208,071,197	559,161 ³	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927.....	21,501	3,454,825,529	595,052 ³	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928.....	21,973	3,804,062,566	631,429 ³	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929.....	22,216	4,004,892,009	666,531 ³	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930.....	22,618	4,041,030,475	614,696 ³	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	Not collected	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	"	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946.....	31,249	"	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947.....	32,734	"	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948.....	33,420	"	1,155,721	2,409,368,190	6,632,881,628	4,938,786,981	11,875,169,685
1949 ⁴	35,792	"	1,171,207	2,591,890,657	6,843,231,064	5,330,566,434	12,479,593,300
1950 ⁴	35,942	"	1,183,297	2,771,267,435	7,538,534,532	5,942,058,229	13,817,526,381
1951 ⁴	37,021	"	1,258,375	3,276,280,917	9,074,526,353	6,940,946,783	16,392,187,132
1952 ⁴	37,929	"	1,288,382	3,637,620,160	9,146,172,494	7,443,533,199	16,982,687,035
1953 ⁴	38,107	"	1,327,451	3,957,018,348	9,380,558,682	7,993,069,351	17,785,416,854
1954 ⁴	38,028	"	1,267,966	3,896,687,691	9,241,857,554	7,902,124,137	17,554,527,504
1955 ⁴	38,182	"	1,298,461	4,142,409,534	10,338,202,165	8,753,450,496	19,513,933,811
1956 ⁴	37,428	"	1,353,020	4,570,692,190	11,721,536,889	9,605,424,579	21,636,748,986
1957 ⁴	37,875	"	1,359,061	4,819,627,999	11,900,751,703	9,822,084,726	22,183,594,311
1958 ⁴	36,741	"	1,289,602	4,802,496,260	11,821,567,471	9,792,505,931	22,163,186,308

¹ Years 1924-51, inclusive, the "Value added by manufacture" is computed by subtracting the cost of fuel, electricity and materials from the gross value of products. Years 1952 and 1953 the deduction is made from "Value of factory shipments" and in 1954 and subsequent years from the calculated value of production. Figures prior to 1924 are not comparable since statistics for cost of electricity are not available. (See text p. 9).

² In 1952 and subsequent years the basis of collection is "Value of factory shipments" instead of "Gross value of products"

³ A change in the method of computing the number of wage-earners in the years, 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.

⁴ Newfoundland is included for 1949 and subsequent years, however, figures for the fish processing industry, 1949 and 1950, are not available for this province and therefore not included.

TABLE 2. Principal Statistics Compared, Canada, 1957 and 1958

Principal statistics	1957	1958	+Increase -Decrease
Establishments No.	37,875	36,741	- 1,134
Administrative and office employees:			
Male No.	226,282	221,881	- 4,401
Female "	87,602	85,986	- 1,616
Salaries \$	1,403,401,749	1,469,324,281	+65,922,532
Average \$	4,471	4,773	+ 302
Production workers:			
Male No.	827,328	772,297	- 55,031
Female "	217,849	209,438	- 8,411
Wages \$	3,416,226,250	3,333,171,979	-83,054,271
Average \$	3,269	3,396	+ 127
Cost at plant of materials used \$	11,900,751,703	11,821,567,471	-79,184,232
Average per establishment \$	314,211	321,754	+ 7,543
Cost of fuel and electricity \$	555,311,788	549,308,532	- 6,003,256
Value added by manufacture ¹ \$	9,822,084,726	9,792,505,931	-29,578,795
Average per establishment \$	259,329	266,528	+ 7,199
Selling value of factory shipments \$	22,183,594,311	22,163,186,308	-20,408,003
Average per establishment \$	585,705	603,228	+ 17,523

¹ Calculated value of production (shipments plus closing inventory, minus opening inventory of goods in process and finished products) less cost of materials and fuel and electricity used. (See text p. 9).

TABLE 3. Principal Statistics of the Forty Leading Industries, Ranked According to the Value of Factory Shipments, 1958

No.	Industries	Estab- lish- ments	Employees	Salaries and wages	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments
		number			dollars		
1	Pulp and paper	128	64,084	307,415,615	597,804,877	702,950,789	1,394,679,180
2	Petroleum products	71	14,490	76,643,818	829,920,509	487,676,382	1,368,649,087 ²
3	Non-ferrous metal smelting and refining	25	26,959	131,081,250	693,796,744	378,451,364	1,135,770,506 ²
4	Slaughtering and meat packing	178	25,712	102,676,636	852,842,056	196,229,499	1,050,461,233
5	Motor vehicles	15	26,396	129,718,693	571,501,488	253,945,274	847,342,113
6	Primary iron and steel	50	30,261	148,023,062	250,669,538	304,923,587	590,317,696
7	Sawmills	5,769	47,763	142,700,044	300,342,531	236,752,567	546,299,359 ²
8	Butter and cheese	1,222	20,879	69,033,691	390,474,716	118,079,130	522,792,666
9	Aircraft and parts	75	39,932	182,276,877	176,538,577	281,131,994	462,331,245 ²
10	Miscellaneous electrical appa- ratus and supplies	179	25,116	101,160,900	164,052,742	175,827,814	347,837,077
11	Miscellaneous food preparations	299	9,752	34,397,174	223,011,577	121,110,541	345,905,114
12	Bread and other bakery products	2,637	35,618	106,968,772	157,267,880	172,605,555	340,918,015
13	Sheet metal products	473	19,107	78,135,571	175,251,811	154,400,230	333,264,998
14	Printing and publishing	746	30,557	127,741,392	86,411,545	238,784,246	327,687,195
15	Machinery, industrial	379	23,347	95,602,417	133,424,224	167,442,946	311,094,856
16	Furniture	1,820	31,505	97,807,441	149,036,129	156,566,548	308,815,752
17	Rubber goods, including footwear	89	19,943	76,445,003	128,572,616	174,828,149	308,383,196
18	Railway rolling stock	29	22,374	87,953,769	188,155,709	103,799,162	295,961,250 ²
19	Motor vehicle parts	206	18,132	77,730,771	155,921,088	133,476,810	295,741,107
20	Boxes and bags, paper	223	16,596	57,658,588	168,339,354	108,276,046	277,464,661
21	Fruit and vegetable preparations	396	16,167	43,444,553	174,886,029	97,959,887	276,697,891
22	Clothing, men's, factory	546	29,969	74,013,879	144,479,417	116,633,091	264,293,851
23	Acids, alkalies and salts	59	10,073	49,780,443	111,593,209	126,831,706	260,967,832
24	Printing and bookbinding	1,829	26,422	99,473,204	95,823,864	161,100,612	258,323,523
25	Castings, iron	189	15,081	61,177,434	132,575,064	114,962,422	253,444,707
26	Feeds, stock and poultry, pre- pared	891	6,655	20,538,213	193,728,346	55,314,719	251,753,902
27	Clothing, women's, factory	660	25,676	68,469,880	132,488,602	117,611,885	250,457,423
28	Machinery, heavy, electrical	80	20,074	97,573,375	97,534,523	139,709,541	244,743,678
29	Telecommunication equipment...	127	19,100	75,497,784	119,506,470	122,008,393	237,994,688
30	Sash, door and planing mills	1,555	17,956	54,759,186	141,193,742	92,918,992	236,990,148
31	Breweries	55	8,148	37,708,857	55,655,573	172,383,258	232,353,488
32	Flour mills	71	4,412	15,949,136	173,438,129	43,364,618	218,321,216
33	Miscellaneous chemical products n.e.s.	267	12,411	53,169,953	105,608,965	103,550,460	217,508,017
34	Bridge and structural steel	65	14,531	66,027,964	100,702,283	108,320,903	210,882,702 ²
35	Cotton yarn and cloth	48	19,434	53,514,574	124,740,866	79,580,664	210,291,534
36	Tobacco, cigars and cigarettes ..	25	8,476	32,144,308	108,871,666	88,230,628	196,947,716
37	Concrete products	684	11,819	44,807,114	91,364,354	91,419,385	186,235,051
38	Fish processing	431	13,193	28,367,424	122,632,908	60,533,456	180,783,504
39	Synthetic textiles	48	14,436	49,357,206	81,967,412	87,011,785	177,213,641
40	Brass and copper products	155	9,034	36,441,269	107,392,740	68,161,993	176,400,890
	Totals, leading industries	22,794	851,590	3,293,387,240	8,809,519,873	6,714,867,031	15,954,321,708
	Totals, all industries	36,741	1,289,602	4,802,496,260	11,821,567,471	9,792,505,931	22,163,186,308

¹ See footnote 1, page 12.² Reported on a production basis.

TABLE 4. Principal Statistics by Provinces, 1957 and 1958

No.	Provinces	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1957							
1	Newfoundland	916	1,984	329	7,010,203	7,146	1,014	25,773,512
2	Prince Edward Island	193	315	89	932,042	886	373	2,346,780
3	Nova Scotia	1,356	3,999	1,254	17,775,461	22,582	3,695	72,859,154
4	New Brunswick	981	2,564	828	12,174,704	14,929	2,664	48,310,603
5	Quebec	12,250	71,762	27,165	435,933,580	257,141	93,315	1,041,894,756
6	Ontario	13,580	112,853	46,914	743,110,040	389,755	94,723	1,687,566,424
7	Manitoba	1,590	6,756	2,614	37,153,699	26,667	7,847	103,046,557
8	Saskatchewan	844	2,434	870	12,031,464	7,703	1,005	28,843,885
9	Alberta	1,893	7,257	2,420	39,025,167	25,666	3,746	98,052,271
10	British Columbia	4,250	16,322	5,107	98,069,454	74,753	9,449	307,060,478
11	Yukon and Northwest Territories	22	36	12	185,935	100	18	471,830
12	Canada	37,875	226,282	87,602	1,403,401,749	827,328	217,849	3,416,226,250
	1958							
13	Newfoundland	768	1,805	305	6,831,806	6,575	919	22,401,763
14	Prince Edward Island	179	316	83	997,574	881	352	2,392,411
15	Nova Scotia	1,297	3,882	1,142	18,280,311	20,430	3,556	67,725,242
16	New Brunswick	939	2,582	853	12,847,300	14,523	2,786	48,229,871
17	Quebec	11,828	70,149	26,958	458,439,042	241,942	90,309	1,018,166,866
18	Ontario	13,276	110,994	45,721	779,108,028	359,381	90,266	1,633,546,624
19	Manitoba	1,634	6,701	2,616	38,835,845	25,576	7,489	104,023,640
20	Saskatchewan	970	2,583	908	12,804,725	7,778	1,014	30,423,667
21	Alberta	1,762	7,053	2,347	40,237,629	24,670	3,790	99,897,550
22	British Columbia	4,072	15,790	5,046	100,784,466	70,445	8,941	305,843,743
23	Yukon and Northwest Territories	16	26	7	157,555	96	16	520,602
24	Canada	36,741	221,881	85,986	1,469,324,281	772,297	209,438	3,333,171,979

¹ See footnote 1, page 12.

TABLE 4. Principal Statistics by Provinces, 1957 and 1958

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number	dollars					
10,473	32,783,715	7,353,052	53,995,122	56,543,792	117,713,795	1
1,663	3,278,822	409,434	18,315,249	6,579,507	24,952,853	2
31,530	90,634,615	16,056,542	238,286,745	175,682,924	427,299,045	3
20,985	60,485,307	14,136,491	174,741,863	123,547,460	311,795,501	4
449,383	1,477,828,336	187,181,272	3,570,908,799	2,947,897,608	6,679,595,056	5
644,245	2,430,676,464	246,825,902	5,827,317,500	5,047,710,789	11,078,592,683	6
43,884	140,200,256	13,894,544	379,799,214	273,162,757	664,529,736	7
12,012	40,875,349	9,031,509	189,106,737	109,598,807	306,115,112	8
39,089	137,077,438	15,844,400	461,134,040	312,037,090	784,480,512	9
105,631	405,129,932	44,399,471	985,519,123	767,914,301	1,785,298,750	10
166	657,765	179,171	1,627,311	1,409,691	3,221,268	11
1,359,061	4,819,627,999	555,311,788	11,900,751,703	9,822,084,726	22,183,594,311	12
9,604	29,233,569	6,902,719	52,156,291	58,044,514	116,979,200	13
1,632	3,389,985	419,442	19,203,457	7,266,497	26,887,728	14
29,010	86,005,553	14,054,891	217,263,603	176,997,949	411,929,247	15
20,744	61,077,171	13,162,126	170,560,975	130,668,021	312,021,817	16
429,358	1,476,605,908	183,376,483	3,597,784,845	2,970,774,755	6,754,798,278	17
606,362	2,412,654,652	241,899,519	5,704,319,497	4,914,073,665	10,864,028,332	18
42,382	142,859,485	12,909,365	397,453,172	284,367,542	694,051,323	19
12,283	43,228,392	8,945,126	198,833,974	123,394,168	331,298,441	20
37,860	140,135,179	16,705,681	495,311,847	339,439,455	848,251,994	21
100,222	406,628,209	50,556,981	965,939,626	786,620,211	1,798,960,459	22
145	678,157	376,199	2,740,184	859,154	3,979,489	23
1,289,602	4,802,496,260	549,308,532	11,821,567,471	9,792,505,931	22,163,186,308	24

TABLE 5. Principal Statistics by Industrial Groups, 1957 and 1958

No.	Industrial groups	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
	1957							
1	Foods and beverages	8,536	27,747	11,623	154,082,898	115,119	37,688	435,942,217
2	Tobacco and tobacco products	49	866	451	6,803,127	3,269	5,319	26,519,694
3	Rubber products	88	3,798	1,618	25,121,531	13,216	3,546	58,068,049
4	Leather products	624	2,682	1,285	16,690,724	15,108	12,024	61,077,759
5	Textiles	929	8,931	4,385	58,616,077	35,371	19,825	142,962,735
6	Knitting mills	310	1,397	1,104	9,987,920	5,811	13,349	40,228,838
7	Clothing	2,550	7,407	4,617	53,522,405	21,798	57,292	165,436,647
8	Wood products	10,796	20,210	3,745	78,122,416	97,304	5,580	290,537,752
9	Paper products	582	13,007	4,916	98,779,660	67,945	8,415	304,506,631
10	Printing, publishing and allied industries	4,584	18,581	11,709	112,597,873	35,410	8,859	161,857,091
11	Iron and steel products	3,073	34,256	11,389	216,750,231	146,040	6,870	590,342,669
12	Transportation equipment	623	26,796	7,302	170,035,056	107,008	3,533	421,426,325
13	Non-ferrous metal products	592	9,497	2,844	61,883,391	39,503	2,737	166,384,997
14	Electrical apparatus and supplies	486	20,058	7,295	130,698,199	38,585	15,494	189,718,448
15	Non-metallic mineral products	1,231	6,117	1,837	36,136,071	30,239	1,927	114,177,114
16	Products of petroleum and coal	106	5,097	1,622	36,359,391	10,968	70	52,328,383
17	Chemicals and allied products	1,137	13,984	6,954	98,996,943	28,080	5,690	123,047,546
18	Miscellaneous industries	1,579	5,851	2,906	38,217,836	16,554	9,631	71,663,355
19	Canada	37,875	226,282	87,602	1,403,401,749	827,328	217,849	3,416,226,250
	1958							
20	Foods and beverages	8,417	27,664	11,544	164,654,514	114,427	36,810	458,635,082
21	Tobacco and tobacco products	40	919	505	7,878,074	3,585	5,310	29,265,528
22	Rubber products	89	3,704	1,492	24,310,958	11,726	3,021	52,134,045
23	Leather products	598	2,580	1,313	17,329,989	14,525	11,733	61,353,810
24	Textiles	903	8,737	4,349	60,676,924	32,747	17,639	132,651,024
25	Knitting mills	321	1,398	1,135	10,538,803	5,475	12,928	39,290,366
26	Clothing	2,460	6,967	4,512	52,850,747	20,693	55,568	165,122,138
27	Wood products	9,848	19,044	3,729	79,349,702	92,664	5,485	290,231,847
28	Paper products	562	13,250	4,760	104,712,689	66,532	8,393	304,865,546
29	Printing, publishing and allied industries	4,433	17,423	11,569	118,214,851	34,523	8,706	169,756,394
30	Iron and steel products	3,254	33,497	11,123	224,200,409	128,426	6,394	532,972,825
31	Transportation equipment	626	25,657	6,729	172,865,028	90,596	2,994	380,560,504
32	Non-ferrous metal products	593	9,348	2,907	67,159,801	36,321	2,725	159,454,671
33	Electrical apparatus and supplies	492	19,762	6,795	137,459,083	33,979	14,408	178,898,690
34	Non-metallic mineral products	1,248	6,481	1,831	39,926,462	30,590	1,956	121,885,165
35	Products of petroleum and coal	115	5,257	1,681	38,789,304	10,429	60	50,701,202
36	Chemicals and allied products	1,143	13,802	6,868	104,241,557	28,178	5,722	129,577,773
37	Miscellaneous industries	1,599	6,391	3,144	44,165,386	16,881	9,586	75,815,369
38	Canada	36,741	221,881	85,986	1,469,324,281	772,297	209,438	3,333,171,979

¹ See footnote 1, page 12.

TABLE 5. Principal Statistics by Industrial Groups, 1957 and 1958

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number	dollars					
192,177	590,025,115	66,980,411	2,704,377,446	1,437,422,949	4,171,971,292	1
9,905	33,322,821	844,614	160,710,422	88,283,832	249,734,356	2
22,178	83,189,580	4,961,524	144,246,768	176,456,204	326,091,308	3
31,099	77,768,483	2,344,793	122,529,541	116,139,080	238,789,101	4
68,512	201,578,812	15,395,378	412,433,901	330,984,539	747,666,541	5
21,661	50,216,758	1,965,702	88,782,158	84,147,853	172,161,757	6
91,114	218,959,052	3,369,336	398,406,332	352,614,117	749,628,477	7
126,839	368,660,168	20,157,246	730,076,145	585,783,470	1,335,170,860	8
94,283	403,286,291	113,102,362	883,394,993	877,985,557	1,865,719,185	9
74,559	274,454,964	5,922,104	245,024,240	481,737,438	731,199,828	10
198,555	807,092,900	65,277,137	1,386,920,624	1,476,346,128	2,912,148,078	11
144,639	591,461,381	22,280,907	1,288,242,648	956,075,551	2,269,202,982	12
54,581	228,268,388	65,501,407	1,014,145,515	603,099,206	1,683,382,440	13
81,432	320,416,647	9,525,064	498,242,643	568,587,265	1,078,212,912	14
40,120	150,313,185	51,969,130	209,981,914	340,621,267	602,164,737	15
17,757	88,687,774	59,084,998	898,830,429	534,093,249	1,491,925,837	16
54,708	222,044,489	42,101,741	565,746,391	605,273,621	1,203,411,197	17
84,942	109,881,191	4,527,934	148,659,593	206,433,400	355,013,423	18
1,359,061	4,819,627,999	555,311,788	11,900,751,703	9,822,084,726	22,183,594,311	19
190,445	623,289,596	66,880,948	2,939,312,503	1,536,379,118	4,528,889,289	20
10,319	37,143,602	901,382	206,043,534	98,917,748	305,138,636	21
19,943	76,445,003	5,029,413	128,572,616	174,828,149	308,383,196	22
30,151	78,683,799	2,274,407	124,663,736	119,088,395	246,826,765	23
63,472	193,327,948	14,940,283	394,621,103	322,533,105	738,690,714	24
20,936	49,829,169	1,861,431	88,610,388	83,975,480	173,576,575	25
87,740	217,972,885	3,159,618	389,243,696	355,056,972	748,309,459	26
120,922	369,581,549	20,833,502	717,462,536	605,677,512	1,343,593,579	27
92,935	409,578,235	110,368,361	883,156,058	910,693,148	1,889,460,393	28
72,221	287,971,245	5,819,750	248,244,058	509,064,570	762,103,369	29
179,440	757,173,234	56,555,164	1,270,710,220	1,364,093,479	2,705,682,799	30
125,976	553,425,532	20,750,149	1,153,569,387	883,507,106	2,075,907,784	31
51,301	226,614,472	69,760,442	930,931,154	534,066,580	1,531,197,041	32
74,944	316,357,773	9,191,597	473,902,660	523,826,941	1,015,416,736	33
40,858	161,811,627	52,175,207	218,683,844	369,872,669	636,696,330	34
17,427	89,490,506	56,400,810	894,457,513	515,473,433	1,466,409,361	35
54,570	233,819,330	47,836,871	589,315,994	664,853,235	1,293,331,692	36
36,002	119,980,755	4,569,197	170,066,471	220,598,291	393,572,590	37
1,289,602	4,802,496,260	549,308,532	11,821,567,471	9,792,505,931	22,163,186,308	38

TABLE 6. Principal Statistics of the Individual Industries, 1958

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
1. Foods and beverages:								
Bakery products:								
1	Biscuits	43	448	263	3,059,887	2,150	3,053	12,926,205
2	Bread and other bakery products	2,637	3,881	1,231	18,059,471	22,837	7,669	88,909,301
Beverages:								
3	Breweries	55	1,445	467	11,434,301	6,186	50	26,274,556
4	Carbonated beverages	537	1,834	704	11,682,961	4,603	340	13,859,046
5	Distilled liquors	21	756	349	5,613,116	2,602	1,329	14,885,333
6	Wines	19	120	51	1,078,166	314	39	1,288,645
Canning and processing:								
7	Fish processing	431	1,277	307	5,889,019	8,021	3,588	22,478,405
8	Fruit and vegetable preparations	396	1,980	1,103	13,343,388	6,785	6,299	30,101,165
Dairy products:								
9	Butter and cheese	1,222	3,124	1,820	16,252,927	15,163	772	52,780,764
10	Cheese process	13	220	119	1,591,870	540	359	2,978,506
11	Concentrated milk products	28	217	103	1,352,968	1,309	61	4,602,599
12	Dairy products, other	38	152	64	893,797	433	130	1,708,460
13	Milk pasteurizing	643	1,264	440	6,530,137	6,763	126	23,563,373
Grain mill products:								
14	Feeds, stock and poultry, prepared	891	1,460	518	6,846,486	4,559	118	13,691,727
15	Feed mills	518	526	71	1,385,790	893	2	2,133,365
16	Flour mills	71	1,004	431	5,675,117	2,843	134	10,274,019
17	Foods, breakfast	19	158	100	1,233,228	708	382	4,002,049
Meat products:								
18	Animal oils, and fats	18	67	20	449,575	289	2	1,001,704
19	Sausage and sausage casings	100	290	83	1,615,188	842	403	3,547,106
20	Slaughtering and meat packing	178	4,333	1,431	26,929,123	16,114	3,834	75,747,513
Other food industries:								
21	Confectionery	210	813	624	5,920,542	3,591	4,742	20,441,598
22	Macaroni and kindred products	19	77	45	584,337	423	233	1,602,453
23	Sugar refining	11	481	132	3,124,703	2,385	272	9,548,433
24	Miscellaneous food preparations	299	1,737	1,068	14,108,417	4,074	2,873	20,288,757
25	Totals	8,417	27,664	11,544	164,654,514	114,427	36,810	458,635,082
2. Tobacco and tobacco products:								
26	Tobacco, cigars and cigarettes	25	713	474	6,583,904	2,703	4,586	25,560,404
27	Tobacco processing and packing	15	206	31	1,294,170	882	724	3,705,124
28	Totals	40	919	505	7,878,074	3,585	5,310	29,265,528
3. Rubber products:								
29	Rubber goods, including footwear	89	3,704	1,492	24,310,958	11,726	3,021	52,134,045
30	Totals	89	3,704	1,492	24,310,958	11,726	3,021	52,134,045
4. Leather products:								
31	Footwear, leather	247	1,668	847	10,748,712	9,015	8,601	39,525,544
32	Gloves and mittens, leather	62	112	58	643,160	495	844	2,602,337
33	Leather tanning	50	294	143	2,415,531	2,978	299	10,563,248
Other leather industries:								
34	Belting, leather	13	23	21	187,426	91	6	306,425
35	Boot and shoe findings, leather	30	86	44	580,566	455	200	1,480,875
36	Miscellaneous leather goods, n.e.s.	196	397	200	2,754,594	1,491	1,783	6,875,381
37	Totals	598	2,580	1,313	17,329,989	14,525	11,733	61,353,810
5. Textiles:								
Cotton goods:								
38	Cotton thread	13	125	92	893,174	180	406	1,218,353
39	Cotton yarn and cloth	48	2,138	1,238	14,151,755	10,626	5,432	39,362,819
40	Miscellaneous cotton goods	14	64	18	489,262	433	71	1,517,649
Woollen goods:								
41	Woollen cloth	55	464	223	3,030,880	2,541	1,430	10,115,590
42	Woollen yarn	38	247	132	1,536,276	1,229	1,145	5,956,416
43	Miscellaneous woollen goods	34	220	94	1,830,188	1,332	329	4,999,449

¹ See footnote 1, page 12.

TABLE 6. Principal Statistics of the Individual Industries, 1958

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number			dollars			
5,914	15,986,092	1,078,498	38,010,904	41,505,215	80,612,444	1
35,618	106,968,772	11,039,506	157,267,880	172,605,555	340,918,015	2
8,148	37,708,857	3,181,897	55,635,573	172,383,258	232,353,488	3
7,481	25,542,007	3,796,801	45,052,949	102,228,171	150,957,146	4
5,036	20,498,449	2,632,738	55,280,000	104,902,541	158,475,648	5
524	2,366,811	165,210	7,681,190	10,878,135	17,825,250	6
13,193	28,367,424	2,852,204	122,632,908	60,533,456	180,783,504	7
16,167	43,444,553	3,522,540	174,886,029	97,959,887	276,697,891	8
20,879	69,033,691	10,065,220	390,474,716	118,079,130	522,792,666	9
1,238	4,570,376	178,918	27,860,277	6,757,567	34,834,242	10
1,690	5,955,567	1,986,535	82,211,325	20,465,185	105,227,281	11
779	2,602,257	358,140	7,390,905	5,964,822	13,746,534	12
8,593	30,093,510	3,831,070	93,614,119	47,646,232	145,100,413	13
6,655	20,538,213	3,474,474	193,728,346	55,314,719	251,753,902	14
1,492	3,519,155	651,207	25,756,840	6,828,625	33,158,358	15
4,412	15,949,136	1,818,495	173,438,129	43,364,618	218,321,216	16
1,348	5,235,277	472,574	13,862,283	21,810,942	35,900,579	17
378	1,451,279	348,023	3,647,463	3,510,100	7,381,294	18
1,618	5,162,294	483,337	20,694,265	11,093,288	32,116,232	19
25,712	102,676,636	6,157,552	852,842,056	196,229,499	1,050,461,233	20
2,770	26,362,140	1,494,736	73,712,223	66,012,005	140,707,096	21
778	2,186,790	217,713	8,746,196	6,811,026	15,851,237	22
3,270	12,673,136	3,131,181	91,854,350	42,384,601	137,008,506	23
9,752	34,397,174	3,942,379	223,011,577	121,110,541	345,905,114	24
190,445	623,289,596	66,880,948	2,939,312,503	1,536,379,118	4,528,889,289	25
8,476	32,144,308	569,450	108,871,666	88,230,628	196,947,716	26
1,843	4,999,294	331,932	97,171,868	10,687,120	108,190,920 ¹	27
10,319	37,143,602	901,382	206,043,534	98,917,748	305,138,636	28
19,943	76,445,003	5,029,413	128,572,616	174,828,149	308,383,196	29
19,943	76,445,003	5,029,413	128,572,616	174,828,149	308,383,196	30
20,131	50,274,256	788,338	70,836,470	75,268,692	147,242,239	31
1,509	3,245,497	62,572	4,931,274	4,866,625	9,951,908	32
3,714	12,978,779	1,086,671	30,664,745	20,349,764	52,392,265	33
141	493,851	26,886	533,348	589,279	1,138,717	34
785	2,061,441	99,461	4,276,036	2,965,520	7,344,982	35
3,871	9,629,975	210,479	13,421,863	15,048,515	28,756,654	36
30,151	78,683,799	2,274,407	124,663,736	119,088,395	246,826,765	37
803	2,111,527	118,612	5,294,595	4,696,543	10,502,450	38
19,434	53,514,574	4,422,251	124,740,866	79,580,664	210,291,534	39
586	2,006,911	141,349	5,246,427	3,704,018	9,134,676	40
4,658	13,146,470	1,094,046	23,316,201	19,715,665	44,230,042	41
2,753	7,492,692	471,538	19,113,603	11,387,173	31,420,547	42
1,975	6,829,637	434,273	12,175,345	13,847,278	26,501,081	43

¹ Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1958 — Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
5. Textiles — Concluded:								
1	Synthetic textiles and silk	48	2,637	1,089	18,162,032	8,295	2,415	31,195,174
	Other primary textiles:							
2	Dyeing and finishing of textiles	56	334	111	2,058,128	1,317	260	4,612,869
3	Narrow fabrics	47	150	109	1,208,439	930	862	4,593,263
	Other textile industries:							
4	Automobile accessories, fabric	21	124	62	903,723	282	459	2,095,373
5	Awnings, tents and sails	137	278	124	1,462,314	534	688	2,749,628
6	Bags, cotton and jute	32	175	62	1,085,845	303	550	1,998,163
7	Carpets, mats and rugs	15	184	101	1,350,621	986	457	3,789,209
8	Cordage, rope and twine	14	136	67	1,032,670	624	240	2,694,789
9	Embroidery, pleating, hemstitching, etc.	137	185	75	1,148,345	449	775	2,530,756
10	Oilcloth, linoleum and other coated fabrics	19	752	288	5,372,158	1,701	155	6,534,649
11	Miscellaneous textiles, n.e.s.	175	558	464	4,961,114	935	1,965	6,686,875
12	Totals	903	8,737	4,349	60,676,924	32,747	17,639	132,651,024
	6a. Knitting mills:							
13	Hosiery	147	573	410	4,038,510	2,833	4,897	17,405,220
14	Knitted goods	174	825	725	6,500,293	2,642	8,031	21,885,146
15	Totals	321	1,398	1,135	10,538,803	5,475	12,928	39,290,366
	6b. Clothing:							
	Men's, women's and children's clothing:							
16	Clothing, children's, factory	186	462	359	3,658,095	1,267	5,778	13,322,568
17	Clothing, men's, factory	546	2,477	1,559	17,854,433	8,052	17,881	56,159,446
18	Clothing, women's, factory	660	1,754	1,435	16,914,518	4,921	17,566	51,555,362
19	Clothing contractors, men's	145	239	71	1,086,175	1,283	3,357	8,306,307
20	Clothing contractors, women's	145	180	65	776,482	313	3,140	5,538,465
	Miscellaneous clothing:							
21	Corsets	44	271	430	2,756,503	397	2,903	6,115,532
22	Fur dressing and dyeing	14	75	15	485,254	680	138	2,439,445
23	Fur goods	493	891	227	4,858,051	1,980	1,228	10,074,811
24	Gloves and mittens, fabric	12	36	40	296,106	92	501	886,540
25	Hats and caps	140	397	191	2,756,603	1,361	2,124	7,990,918
26	Oiled and waterproofed clothing	7	29	12	220,176	90	152	586,407
27	Clothing, n.e.s.	68	156	108	1,188,351	257	800	2,146,337
28	Totals	2,460	6,967	4,512	52,850,747	20,693	55,568	165,122,138
	7. Wood products:							
29	Furniture	1,820	4,311	1,478	24,476,547	23,431	2,285	73,330,894
	Saw and planing mills:							
30	Flooring, hardwood	26	141	50	1,032,505	1,255	71	3,443,589
31	Sash, door and planing mills	1,555	3,124	621	14,754,830	14,069	142	40,004,356
32	Sawmills	5,769	9,143	847	25,137,947	37,531	242	117,562,097
33	Veneer and plywood	71	862	239	6,008,166	8,198	1,507	31,342,586
	Other wood industries:							
34	Beekeepers' and poultry men's supplies	7	11	3	31,567	36	3	79,580
35	Boxes and baskets, wood	158	374	99	1,708,300	2,325	357	6,429,216
36	Cooperage	49	96	30	427,782	409	1	1,125,686
37	Excelsior	9	14	9	68,272	56	12	154,462
38	Lasts, trees and shoe findings	15	55	31	381,474	346	172	1,270,233
39	Morticians' goods	63	131	61	799,783	998	184	3,077,479
40	Woodenware	25	60	20	315,802	356	139	916,101
41	Wood turning	63	166	52	894,614	1,050	105	2,681,546
42	Miscellaneous wood products n.e.s. ..	218	556	169	3,312,113	2,604	265	8,814,022
43	Totals	9,848	19,044	3,729	79,349,702	92,664	5,485	290,231,847

¹ See footnote 1, page 12.

TABLE 6. Principal Statistics of the Individual Industries, 1958 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
14,436	49,357,206	4,912,228	81,967,412	87,011,785	177,213,641	1
2,022	6,670,997	932,521	4,723,232	10,201,746	15,955,090	2
2,051	5,801,702	265,572	9,240,644	9,994,013	19,480,056	3
927	2,999,096	104,128	7,625,579	5,054,276	12,198,665	4
1,674	4,211,942	180,120	8,902,617	6,384,126	15,525,554	5
1,050	3,084,003	141,068	20,967,580	5,800,693	26,890,123	6
1,728	5,139,830	386,530	12,102,766	10,248,115	23,627,619	7
1,067	3,727,459	201,695	8,167,755	7,336,468	15,969,624	8
1,484	3,679,101	80,842	2,529,579	5,783,735	8,392,601	9
2,902	11,906,807	667,641	21,119,350	18,691,209	40,930,445	10
3,922	11,647,989	385,869	27,387,552	22,995,598	50,426,966	11
63,472	193,327,948	14,940,283	394,621,103	322,533,105	738,690,714	12
8,713	21,443,730	827,471	27,280,438	35,459,739	63,796,722	13
12,223	28,385,439	1,033,960	61,329,950	48,515,741	109,779,853	14
20,936	49,829,169	1,861,431	88,610,388	83,975,480	173,576,575	15
7,866	16,980,663	241,727	36,660,940	28,832,605	65,493,820	16
29,969	74,013,879	999,593	144,479,417	116,633,091	264,293,851	17
25,676	68,469,880	699,069	132,483,602	117,611,885	250,457,423	18
4,950	9,392,482	172,015	1,191,810	11,256,487	12,611,279	19
3,698	6,314,947	103,187	714,018	7,948,893	8,785,665	20
4,001	8,872,035	127,385	12,684,558	18,989,504	31,211,587	21
908	2,924,699	112,549	895,585	4,524,486	5,508,408	22
4,326	14,932,862	316,507	37,667,750	23,185,580	61,124,191	23
669	1,182,646	20,436	2,248,695	2,112,340	4,348,761	24
4,073	10,747,521	285,769	12,528,653	16,542,793	29,272,149	25
283	806,583	12,302	1,668,185	1,630,790	3,350,529	26
1,321	3,334,688	69,079	6,015,483	5,788,512	11,851,796	27
87,740	217,972,885	3,159,618	389,243,696	355,056,972	748,309,459	28
31,505	97,807,441	3,547,552	149,036,129	156,566,548	308,815,752	29
1,517	4,476,094	226,544	10,115,690	7,252,248	17,736,175	30
17,956	54,759,186	3,938,325	141,193,742	92,918,992	236,990,148	31
47,763	142,700,044	9,204,261	300,342,531	236,752,567	546,299,359 ²	32
10,806	37,350,752	1,922,919	66,002,164	61,062,494	129,954,480	33
53	111,147	7,811	176,842	139,864	329,335	34
3,155	8,137,516	477,691	10,490,635	12,031,224	22,963,139	35
536	1,553,468	118,066	3,994,877	2,038,287	6,101,242	36
91	222,734	19,660	219,614	309,250	545,786	37
604	1,651,707	53,357	1,906,726	2,885,779	4,821,473	38
1,374	3,877,262	169,852	4,716,864	6,017,002	10,959,594	39
575	1,231,903	66,309	1,752,857	1,861,389	3,682,404	40
1,373	3,576,160	171,820	4,373,220	5,518,041	10,021,972	41
3,614	12,126,135	909,335	23,140,645	20,303,827	44,372,720	42
120,922	369,581,549	20,833,502	717,462,536	605,677,512	1,343,593,579	43

² Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1958 - Continued

No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
8. Paper products:								
1	Boxes and bags, paper	223	2,287	1,014	15,447,311	8,614	4,681	42,211,277
2	Pulp and paper	128	8,955	2,639	74,253,570	51,506	984	233,162,045
3	Roofing paper	22	676	253	4,524,106	1,526	56	5,850,533
4	Miscellaneous paper goods	189	1,332	854	10,487,702	4,886	2,672	23,641,691
5	Totals	562	13,250	4,760	104,712,689	66,532	8,393	304,865,546
9. Printing, publishing and allied industries:								
Commercial printing:								
6	Printing and bookbinding	1,829	4,466	2,293	31,088,154	14,327	5,336	68,385,050
7	Trade composition	50	152	59	1,190,128	807	18	3,567,295
Engraving, stereotyping and allied industries:								
8	Engraving, stereotyping and electrotyping	158	572	318	5,004,613	2,727	440	15,315,020
9	Lithographing	94	634	357	5,340,101	2,455	841	13,241,831
Printing and publishing:								
10	Printing and publishing	746	8,911	5,368	58,494,194	14,207	2,071	69,247,198
11	Publishing (only) of periodicals	1,556	2,688	3,174	17,097,661	—	—	—
12	Totals	4,433	17,423	11,569	118,214,851	34,523	8,706	169,756,394
10. Iron and steel products:								
13	Agricultural implements	71	2,083	572	13,205,194	8,260	96	34,139,235
14	Boilers, tanks and platework	103	1,826	526	11,831,770	5,562	35	22,704,160
15	Bridge and structural steel work	65	3,002	675	20,052,401	10,836	18	45,975,563
16	Castings, iron	189	2,071	704	13,830,445	12,062	244	47,346,989
17	Hardware, tools and cutlery	430	2,201	1,103	15,952,618	8,684	1,460	35,176,569
18	Heating and cooking apparatus	126	1,693	697	11,129,570	6,045	235	21,738,546
19	Machinery, household, office and store	71	1,524	725	11,038,308	5,551	757	22,912,118
20	Machinery, industrial	379	6,322	2,111	38,878,644	14,390	524	56,723,773
21	Machine shops	700	1,474	355	7,708,799	5,096	84	18,810,607
22	Machine tools	14	222	78	1,608,499	741	—	2,936,140
23	Primary iron and steel	50	4,266	1,095	32,619,556	24,728	172	115,403,506
24	Sheet metal products	473	3,324	1,356	23,267,435	12,927	1,500	54,868,136
25	Wire and wire goods	150	1,477	619	10,952,811	6,501	622	27,260,761
26	Miscellaneous iron and steel products	433	2,012	507	12,124,359	7,043	647	26,976,722
27	Totals	3,254	33,497	11,123	224,200,409	128,426	6,394	532,972,825
11. Transportation equipment:								
28	Aircraft and parts	75	11,776	3,274	78,896,742	24,288	594	103,380,135
29	Bicycles and parts	5	123	63	837,735	431	55	1,659,980
30	Boat building	215	308	71	1,189,687	1,338	16	4,084,137
31	Motor vehicles	15	5,831	1,437	42,423,389	18,795	333	87,295,304
32	Motor vehicle parts	206	3,149	1,032	22,597,535	12,140	1,811	55,133,236
33	Railway rolling stock	29	2,476	295	14,922,642	19,569	34	73,031,127
34	Shipbuilding	65	1,919	526	11,360,656	13,646	41	54,522,434
35	Miscellaneous transportation equipment	16	75	31	636,642	389	110	1,454,151
36	Totals	626	25,657	6,729	172,865,028	90,596	2,994	380,560,504
12. Non-ferrous metal products:								
37	Aluminum products	95	1,607	835	13,310,074	3,913	250	15,234,080
38	Brass and copper products	155	1,530	600	10,371,110	6,396	508	26,070,159
39	Jewellery and silverware	221	692	471	4,702,745	2,222	1,354	10,233,020
40	Non-ferrous metal smelting and refining	25	4,773	744	33,398,402	21,391	51	97,682,848
41	White metal alloys	64	471	159	3,332,713	1,730	465	7,243,362
42	Miscellaneous non-ferrous metal products	33	275	98	2,044,757	669	97	2,991,202
43	Totals	593	9,348	2,907	67,159,801	36,321	2,725	159,454,671
13. Electrical apparatus and supplies:								
44	Batteries	31	504	201	3,268,472	1,135	343	5,225,732
45	Refrigerators, vacuum cleaners and appliances	75	1,594	688	10,970,326	4,949	1,240	22,661,184
46	Machinery, heavy, electrical	80	6,493	1,985	46,658,315	9,878	1,718	50,915,060
47	Telecommunication equipment	127	5,673	1,837	38,236,707	5,883	5,707	37,261,077
48	Miscellaneous electrical apparatus and supplies	179	5,498	2,084	38,325,263	12,134	5,400	62,835,637
49	Totals	492	19,762	6,795	137,459,083	33,979	14,408	178,898,690

¹ See footnote 1 page 12.

TABLE 6. Principal Statistics of the Individual Industries, 1958 - Continued

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number			dollars			
16,596	57,658,588	2,203,430	168,339,354	108,276,046	277,464,661	1
64,084	307,415,615	105,796,875	597,804,877	702,950,789	1,394,679,180	2
2,511	10,374,639	774,100	24,199,884	21,362,600	45,892,999	3
9,744	34,129,393	1,593,956	92,811,943	78,103,713	171,423,553	4
92,935	409,578,235	110,368,361	883,156,058	910,693,148	1,889,460,393	5
26,422	99,473,204	2,286,753	95,823,864	161,100,612	258,323,523	6
1,036	4,757,423	69,977	646,306	6,544,315	7,260,903	7
4,057	20,319,633	396,876	7,349,947	30,582,276	38,370,291	8
4,287	18,581,932	377,861	23,732,622	30,216,707	54,345,269	9
30,557	127,741,392	2,688,283	86,411,545	238,784,246	327,687,195	10
5,862	17,097,661	—	34,279,774	41,836,414	76,116,188 ²	11
72,221	287,971,245	5,819,750	248,244,058	509,064,570	762,103,369	12
11,011	47,344,429	1,959,417	77,274,314	60,536,739	133,145,309	13
7,949	34,535,930	1,451,727	53,265,040	52,986,057	108,888,919	14
14,531	66,027,964	1,859,516	100,702,283	108,320,903	210,882,702 ²	15
15,081	61,177,434	4,471,283	132,575,064	114,962,422	253,444,707	16
13,448	51,129,187	2,257,863	55,935,832	100,663,656	158,197,433	17
8,670	32,868,116	1,607,974	65,029,147	62,454,754	129,265,079	18
8,557	33,950,426	1,046,201	64,616,295	68,096,143	135,976,609	19
23,347	95,602,417	3,291,154	133,424,224	167,442,946	311,094,856	20
7,009	26,519,406	1,101,637	20,663,688	37,836,144	59,785,696	21
1,041	4,544,639	157,175	5,820,566	4,478,466	11,355,414	22
30,261	148,023,062	28,905,568	250,669,538	304,923,587	590,317,696	23
19,107	78,135,571	3,447,728	175,251,811	154,400,230	333,264,998	24
9,219	38,213,572	2,061,192	82,635,926	62,666,734	148,798,469	25
10,209	39,101,081	2,936,729	52,846,492	64,324,698	121,264,912	26
179,440	757,173,234	56,555,164	1,270,710,220	1,364,093,479	2,705,682,799	27
39,932	182,276,877	4,660,674	176,538,577	281,131,994	462,331,245 ²	28
672	2,497,715	98,656	2,211,143	4,404,902	6,624,646	29
1,733	5,273,824	201,339	5,191,636	7,139,095	12,291,961	30
26,396	129,718,693	5,263,376	571,501,488	253,945,274	847,342,113	31
18,132	77,730,771	4,374,848	155,921,088	133,476,810	295,741,107	32
22,374	87,953,769	4,006,379	188,155,709	103,799,162	295,961,250 ²	33
16,132	65,883,090	2,055,185	50,673,132	95,602,037	148,330,354 ²	34
605	2,090,793	89,692	3,376,614	4,007,832	7,285,108	35
125,976	553,425,532	20,750,149	1,153,569,387	883,507,106	2,075,907,784	36
6,605	28,544,154	1,941,443	60,434,728	36,832,967	97,883,277	37
9,034	36,441,269	2,600,711	107,392,740	68,161,993	176,400,890	38
4,739	14,935,765	408,378	30,147,682	24,085,298	53,898,979	39
26,959	131,081,250	63,522,398	693,796,744	378,451,364	1,135,770,506 ²	40
2,825	10,576,075	998,200	30,305,392	18,505,709	50,177,719	41
1,139	5,035,959	289,312	8,853,868	8,029,249	17,065,670	42
51,301	226,614,472	69,760,442	930,931,154	534,066,580	1,531,197,041	43
2,183	8,494,204	511,447	22,184,794	15,387,640	39,604,763	44
8,471	33,631,510	1,877,276	70,624,131	70,893,553	145,236,530	45
20,074	97,573,375	2,151,912	97,534,523	139,709,541	244,743,678	46
19,100	75,497,784	1,189,333	119,506,470	122,008,393	237,994,688	47
25,116	101,160,900	3,461,629	164,052,742	175,827,814	347,837,077	48
74,944	316,357,773	9,191,597	473,902,660	523,826,941	1,015,416,736	49

² Reported on a production basis.

TABLE 6. Principal Statistics of the Individual Industries, 1958 — Concluded

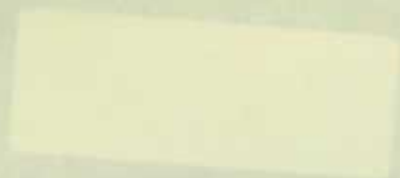
No.	Industries	Estab- lish- ments	Administrative and office employees			Production workers		
			Male	Female	Salaries	Male	Female	Wages
			number		\$	number		\$
14. Non-metallic mineral products:								
1	Abrasives, artificial	18	445	145	3,589,485	1,636	88	7,112,811
2	Asbestos products	16	316	106	1,979,264	1,345	157	5,566,724
3	Cement, hydraulic	19	463	101	3,340,160	2,917	4	13,019,600
4	Clay products from domestic clay	112	465	103	2,756,316	3,621	60	12,977,827
5	Clay products from imported clay	36	307	100	2,052,237	1,423	343	6,561,334
6	Concrete products	684	2,139	430	11,493,353	9,167	83	33,313,761
7	Glass and glass products	102	973	463	6,399,481	5,408	1,035	23,928,874
8	Gypsum products	13	339	121	2,209,181	1,143	1	4,597,032
9	Lime	40	106	19	507,011	1,046	1	3,855,538
10	Salt	13	191	46	1,152,596	589	44	2,423,381
11	Sand-lime brick	4	13	1	59,144	92	—	319,417
12	Stone products	137	483	121	2,721,832	1,534	19	5,633,515
13	Miscellaneous non-metallic mineral products	54	241	75	1,666,402	669	121	2,575,351
14	Totals	1,248	6,481	1,831	39,926,462	30,590	1,956	121,885,165
15. Products of petroleum and coal:								
15	Coke and gas products	16	378	145	2,152,368	1,932	—	8,719,508
16	Petroleum products	71	4,744	1,483	35,786,891	8,203	60	40,856,927
17	Miscellaneous products of petroleum and coal	28	135	53	850,045	294	—	1,124,767
18	Totals	115	5,257	1,681	38,789,304	10,429	60	50,701,202
16. Chemicals and allied products:								
19	Acids, alkalis and salts	59	2,544	691	18,285,357	6,791	47	31,495,086
20	Fertilizers	45	723	173	4,860,583	2,087	10	8,564,227
21	Medicinal and pharmaceutical preparations	196	1,755	1,634	15,891,058	2,334	2,273	13,956,257
22	Paints, varnishes and lacquers	131	1,809	989	12,905,267	3,101	335	12,316,328
23	Primary plastics	34	1,013	338	7,243,214	2,013	71	9,012,017
24	Soaps, washing compounds and cleaning pre- parations	137	1,028	554	7,908,170	1,890	410	9,112,725
25	Toilet preparations	83	352	475	3,507,538	557	1,009	3,853,533
26	Vegetable oils	11	182	60	1,309,851	371	1	1,365,383
Other chemical industries:								
27	Adhesives	28	149	93	1,155,396	375	25	1,401,165
28	Coal tar distillation	10	165	40	1,318,112	364	3	1,442,894
29	Gases, compressed	57	542	242	3,433,962	687	6	2,949,716
30	Inks	42	198	131	1,663,728	631	55	2,396,116
31	Polishes and dressings	43	217	175	2,023,092	274	167	1,278,602
32	Miscellaneous chemical products	267	3,125	1,273	22,736,229	6,703	1,310	30,433,724
33	Totals	1,143	13,802	6,868	104,241,557	28,178	5,722	129,577,773
17. Miscellaneous industries:								
34	Brooms, brushes and mops	95	305	194	2,070,451	1,076	555	3,788,494
35	Clocks, watches and watch cases	37	169	129	1,408,167	329	442	2,452,251
36	Fountain pens and pencils	17	182	145	1,479,553	284	527	1,902,732
37	Instruments and related products	83	2,033	801	14,451,665	3,012	1,114	15,791,656
38	Musical instruments	24	149	92	1,049,922	919	273	3,767,134
39	Ophthalmic goods	39	226	117	1,282,957	510	227	1,968,993
40	Orthopaedic and surgical appliances	36	65	36	427,384	112	137	569,938
41	Plastics products	198	757	362	5,317,646	2,463	1,604	10,990,316
42	Sporting goods	95	285	181	1,998,834	1,091	595	4,316,215
43	Toys and games	71	189	131	1,564,601	741	1,185	4,182,100
44	Typewriter supplies	9	78	47	629,941	182	111	775,176
Other miscellaneous industries:								
45	Artificial flowers and feathers	42	53	40	339,731	151	250	751,067
46	Buttons, buckles and fasteners	44	192	113	1,493,493	544	673	3,021,803
47	Candles	21	43	29	340,158	110	68	422,978
48	Hair goods	12	18	12	132,432	75	33	260,357
49	Ice, artificial	48	78	31	393,676	288	—	929,501
50	Lamps electric and lamp shades	66	139	103	941,617	523	428	2,064,759
51	Models and patterns, excluding paper	80	114	16	635,399	421	7	1,879,863
52	Pipes, lighters and smokers' supplies	14	29	27	212,227	53	42	260,842
53	Signs, electric, neon and other	356	748	239	4,517,463	2,447	204	8,950,390
54	Stamps and stencils, rubber and metal	69	178	89	1,227,923	521	139	2,049,605
55	Statuary, art goods, regalia and novelties	95	148	54	654,212	325	280	1,308,469
56	Umbrellas	8	19	3	116,024	14	78	157,055
57	Miscellaneous industries	40	194	153	1,479,910	690	614	3,253,675
58	Totals	1,599	6,391	3,144	44,165,386	16,881	9,586	75,815,369
59	Grand totals, all in industries	36,741	221,881	85,986	1,469,324,281	772,297	209,438	3,333,171,979

¹ See footnote 1, page 12.

TABLE 6. Principal Statistics of the Individual Industries, 1958 — Concluded

Total employees	Total salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Value added by manufacture ¹	Selling value of factory shipments	No.
number			dollars			
2,314	10,702,296	4,355,238	14,550,336	18,573,824	37,211,006	1
1,924	7,545,988	879,444	12,236,863	14,888,807	27,609,862	2
3,485	16,359,760	19,009,008	14,758,308	66,176,534	99,943,850	3
4,249	15,734,143	6,457,139	1,065,692	34,187,072	41,709,903	4
2,173	8,613,571	965,412	6,692,281	16,088,014	23,686,970	5
11,819	44,807,114	6,020,897	91,364,354	91,419,385	186,235,051	6
7,879	30,328,355	4,636,867	36,085,066	53,165,011	93,818,849	7
1,604	6,806,213	1,646,796	15,725,705	18,498,829	35,719,283	8
1,172	4,362,549	4,865,236	1,367,999	14,028,375	20,261,610	9
870	3,575,977	1,069,615	2,748,081	13,139,461	16,957,157	10
106	378,561	58,741	231,362	631,131	913,483	11
2,157	8,355,347	1,396,647	10,567,422	17,573,288	29,104,039	12
1,106	4,241,753	814,167	11,290,375	11,502,938	23,525,267	13
40,858	161,811,627	52,175,207	218,683,844	369,872,669	636,696,330	14
2,455	10,871,876	5,001,223	56,272,204	21,515,263	82,788,690 ²	15
14,490	76,643,818	51,052,196	829,920,509	487,676,382	1,368,649,087 ²	16
482	1,974,812	347,391	8,264,800	6,281,788	14,971,584	17
17,427	89,490,506	56,400,810	894,457,513	515,473,433	1,466,409,361	18
10,073	49,780,443	24,563,054	111,593,209	126,831,706	260,967,832	19
2,993	13,424,810	3,281,095	48,593,959	37,209,183	89,145,796	20
7,996	29,847,315	1,084,043	44,289,303	111,162,375	155,006,181	21
6,234	25,221,595	963,046	70,560,548	73,063,764	143,096,594	22
3,435	16,255,231	2,832,055	52,091,681	42,565,649	97,802,453	23
3,882	17,020,895	1,515,602	55,530,784	76,077,926	132,022,831	24
2,393	7,361,071	198,346	18,628,395	33,659,484	51,856,286	25
614	2,675,234	818,662	45,502,890	8,157,210	53,795,209	26
642	2,556,561	439,027	7,120,720	6,872,624	14,380,563	27
572	2,761,006	744,488	7,611,604	3,463,246	12,018,034	28
1,477	6,383,678	769,443	3,991,445	18,795,761	23,742,234	29
1,015	4,059,844	158,252	7,486,995	9,837,464	17,481,629	30
833	3,301,694	139,841	10,705,496	13,606,383	24,508,033	31
12,411	53,169,953	10,329,917	105,608,965	103,550,460	217,508,017	32
54,570	233,819,330	47,836,871	589,315,994	664,853,235	1,293,331,692	33
2,130	5,858,945	179,384	8,645,863	10,031,186	18,997,463	34
1,069	3,860,418	58,314	8,214,018	7,395,533	15,784,093	35
1,138	3,382,285	87,156	5,504,538	6,925,517	12,654,239	36
6,960	30,243,321	654,881	41,435,857	50,483,863	91,616,218	37
1,433	4,817,056	176,008	5,079,027	11,183,168	16,352,254	38
1,080	3,251,950	91,516	3,172,989	3,844,548	7,025,458	39
350	997,322	28,509	863,888	1,741,009	2,624,405	40
5,186	16,307,962	868,627	36,855,300	36,750,031	73,857,408	41
2,152	6,315,049	240,306	8,018,530	11,929,399	20,453,260	42
2,246	5,746,701	253,848	11,170,449	11,704,507	22,843,375	43
418	1,405,117	51,812	2,978,720	2,989,893	6,043,444	44
494	1,090,798	25,638	1,345,310	1,927,031	3,268,094	45
1,522	4,515,296	143,754	5,558,366	7,597,249	13,086,245	46
250	763,136	51,512	1,269,446	1,760,526	3,042,627	47
138	392,789	34,100	661,197	598,173	1,293,710	48
397	1,323,177	428,423	247,728	2,587,333	3,244,229	49
1,193	3,006,376	100,667	6,281,026	5,940,178	12,460,943	50
558	2,515,262	71,297	979,852	3,677,894	4,672,217	51
151	473,069	19,263	983,820	1,020,034	2,143,514	52
3,638	13,467,853	656,748	11,202,953	22,240,362	34,007,650	53
927	3,277,528	90,483	1,963,875	4,778,438	6,866,633	54
807	1,962,681	73,703	1,771,577	2,992,792	4,816,392	55
114	273,079	8,584	528,728	474,851	995,550	56
1,651	4,733,585	174,664	5,333,414	10,024,776	15,423,169	57
36,002	119,980,755	4,569,197	170,066,471	220,598,291	393,572,590	58
1,289,602	4,802,496,260	549,308,532	11,821,567,471	9,792,505,931	22,163,186,308	59

² Reported on a production basis.



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